

# MS2300 StratosH

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## Bioptic Scanner/Scale

Honeywell's MS2300 StratosH® 6-sided, 360°-bioptic scanner/scale provides retailers with high-throughput productivity and aggressive first-pass scanning performance. Its patented modular independent scanning planes simplify set up, minimize downtime and maximize customer satisfaction.

StratosH ensures checkout efficiency with StratosSYNC™ and StratosSWAP™. Both features capitalize on Honeywell's patented modular scanner configuration of independent vertical and horizontal scanning planes.

The StratosH form factor is available in several lengths and boasts a 4-inch-below counter depth for easy integration into most checkout environments.

The MS2300 StratosH maximizes return on investment with two analytical tools for tracking, managing and improving checkout productivity and efficiency. StratosSTATS™ provides real-time visibility into key data points directly impacting checkout productivity. StratosSCHOOL™ captures information necessary to improve operator scanning techniques and safety.

StratosH also features RS232 auxiliary port, Flash ROM firmware upgrade capability, MetroSet®2 PC-based configuring and sapphire or diamonex horizontal window.

For more information on the MS2300 StratosH bioptic scanner/scale, please visit [www.honeywell.com/aidc](http://www.honeywell.com/aidc).



## Features

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- **6-sided, 360°-Scanning:** Improves productivity and operator ergonomics by reducing product orientation
- **StratosSYNC™ Independent Scanning Planes:** Maintains productivity and uptime via independent scanning planes
- **StratosSWAP™ Pre-Aligned Optical Scanning Modules:** Minimizes downtime and lowers the cost of service via modular optical scan engines
- **StratosSTATS Productivity Analytical Software:** Provides data critical to maintaining checkout productivity
- **StratosSCHOOL Operator Training Software:** Improves productivity and promotes safer scanning techniques

# MS2300 StratosH Technical Specifications

## Operational

Light Source	Visible Laser Diode 650 nm ± 10 nm
Visual Indicators	Blue = ready to scan; White = good read; 7-segment display = diagnostic indicator
Host System Interfaces	USB, RS232, IBM46xx (RS485), OCIA
Auxiliary Ports	RS232: secondary scanner, EAS

## Mechanical

Length	MS2320 (full-size scanner with scale): 508 mm (20"); MS2321 (full-size scanner only): 508 mm (20") MS2322 (compact-size scanner only): 420 mm (16.5")
Width	292 mm (11.5")
Depth (Below Counter)	100 mm (4")
Height (Above Counter)	178 mm (7")
Weight	MS2320 (full-size scanner with scale): 11.8 kg (26 lb); MS2321 (full-size scanner only): 7.7 kg (17 lb) MS2322 (compact-size scanner only): 7.3 kg (16 lb)

## Electrical

Input Voltage	5.2 VDC ± 0.25 VDC; 12 VDC ± 0.5 VDC
Operating Power (typical)	13.25 W (810 mA @ 5.2 V; 750 mA @ 12V)
Standby Power (typical)	3.25 W (435 mA @ 5.2 V; 80 mA @ 12 V)
DC Transformers	Class 1: 5.2 V @ 1.5 A; 12 V @ 1.5 A
Laser Class	Class 1: IEC60825-1; EN60825-1
EMC	FCC Part 15, IECS-003, EN55022 Class A

## Environmental

Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	5% to 95% relative humidity, non-condensing
Environmental Sealing	Sealed to resist airborne particulate contaminants
Light Levels	4842 Lux (450 foot-candles)

## Scan Performance

Depth of Scan Field (Horiz/Vert)	H: 0 mm - 152 mm (0" - 6"); V: 0 mm - 216 mm (0" - 8.5") for 0.33 mm (13 mil) bar code
Sides Read/Scan Zone	6 / 360°
Scan Pattern	Omnidirectional: 66 scan lines (Horizontal: 38 scan lines; Vertical: 28 scan lines)
Scan Speed	5280 scan lines per second
Resolution	6 mil (0.152 mm)
Print Contrast	35% minimum reflectance difference
Pitch, Skew	60°, 60°
Decode Capability	Reads standard 1D and GS1 DataBar symbologies. Visit <a href="http://www.honeywell.com/aidc/symbologies">www.honeywell.com/aidc/symbologies</a> for details.
Warranty	2 year factory warranty



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### Scale Specifications

Capacity	0-6 kg x 0.002 kg; 6-15 kg x 0.005 kg; (0-15 lb x 0.005 lb; 15-30 lb x 0.01 lb)
Minimum Legal Weight	40 g (0.1 lb)
Interfaces	RS232, adapter cables available
Communication	Protocols included work with most popular POS systems
Operating Range	-10°C to 40°C (14°F to -104°F); 0-85% humidity; non-condensing
Automatic Zero Maintenance	Assures a stable zero reading
Approvals	NTEP, OIML, CE

**Honeywell**